



ATTORNEY DOCKET NO. 678-1243 (P11348)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Terence Edwin DODGSON

Serial No.: 10/648,560

Filed: August 25, 2003

Date: September 12, 2003

For: INTEGRATED MODULATORS AND DEMODULATORS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed on the attached form PTO-1449 is brought to the attention of the Examiner.

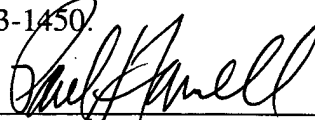
The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to a substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

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**CERTIFICATION UNDER 37 C.F.R. § 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: September 12, 2003

  
\_\_\_\_\_  
Paul J. Farrell

The listed items are described in the present application, thus satisfying the requirement for a concise explanation of the non-English reference under MPEP §609.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

- ☒ [X] This information disclosure statement is being filed within three (3) months of the filing date of this application.
- ☐ [ ] This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application.
- ☒ [X] To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.
- ☐ [ ] Enclosed herewith is a certificate under 37 C.F.R. § 1.97(e)(1).
- ☐ [ ] Enclosed herewith is a petition under 37 C.F.R. § 1.97(d)(ii).
- ☐ [ ] Enclosed by check is the petition fee of \$130.00. 37 C.F.R. § 1.17(i)(1))
- ☐ [ ] Please charge the **\$130.00** petition fee to Deposit Account No. **04-1121**.
- ☐ [ ] Enclosed by check is the **\$180.00** fee required by 37 C.F.R. § 1.17(p).
- ☐ [ ] Please charge the **\$180.00** fee required by 37 C.F.R. § 1.17(p) to Deposit Account No. **04-1121**.

- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor.
- TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance.

Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,



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PJF/DMO/lah

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FILING DATE  
August 25, 2003

GROUP ART UNIT  
not yet assigned

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	1.		IEEE 802.11 b-1999 standard
	2.		M. Webster, C. Anderson, J. Boer and R. Van Nee: "Introducing the Harris-Lucent Compromise Proposal for TBB", DOC: IEEE P02.11-98/246 & 232, 1998
	3.		C. Andren, M. Webster and K. Halford: "CCK, the New IEEE 802.11 Standard for 2.4 GHz Wireless LANs"

**EXAMINER**

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

